

IN THE CLAIMS:

Please amend claims 1-30 and cancel claims 31-36, without prejudice or disclaimer as follows.

1. (Currently Amended) ~~A method of providing redundancy parameters for an automatic repeat request processing at a terminal device, said method comprising the steps of:~~

providing a set of predetermined sequences of redundancy parameters;

selecting at least one of said set of predetermined sequences; and

transmitting information indicating the selected at least one sequence to ~~said a~~
terminal device to provide said redundancy parameters for an automatic repeat request
processing at said terminal device.

2. (Currently Amended) The method according to claim 1, further comprising ~~the~~
~~step of:~~

providing said information comprising at least one of an index and a pointer to
said selected at least one predetermined sequence.

3. (Currently Amended) The method according to claim 1, wherein said
transmitting ~~step of said information~~ is performed by using a higher layer signaling.

4. (Currently Amended) The method according to claim 3, wherein, in said transmitting ~~step of~~ said information, said higher layer signaling comprises Radio Resource Control signaling.

5. (Currently Amended) The method according to claim 3, further comprising ~~the step of~~:

using an outband signaling for notifying about redundancy parameters used from said selected at least one sequence.

6. (Currently Amended) The method according to claim 5, wherein, in said using ~~step of~~ said outband signaling, the amount of said outband signaling is made dependent from said selected at least one sequence.

7. (Currently Amended) The method according to claim 1, wherein said transmitting ~~step of~~ said information is performed at a beginning of a connection.

8. (Currently Amended) The method according to claim 1, wherein, in said providing ~~step of~~ said set of predetermined sequences, said set of predetermined sequences comprises a predefined fixed set.

9. (Currently Amended) The method according to claim 1, wherein, in said providing ~~step of~~ said set of predetermined sequences, said redundancy parameters comprise a first parameter defining a self-decodable redundancy version and a second parameter defining bits which are to be punctured.

10. (Currently Amended) The method according to claim 1, wherein, in said providing ~~step of~~ said set of predetermined sequences, said set of predetermined sequences comprise sequences relating to at least one of a chase combining strategy, a partial incremental redundancy strategy, and a full incremental redundancy strategy.

11. (Currently Amended) The method according to claim 1, wherein, in said transmitting ~~step of~~ said information, said information comprises said sequence of redundancy parameters.

12. (Currently Amended) The method according to claim 1, wherein said transmission ~~step of~~ said information is performed by broadcasting said information to substantially all terminal devices located within a predetermined area.

13. (Currently Amended) The method according to claim 12, wherein said transmission ~~step of~~ said information is performed by broadcasting said information to all terminal devices located within a predetermined area.

14. (Currently Amended) The method according to claim 1, wherein said transmitting ~~step of said information~~ is performed via a wireless communication link.

15. (Currently Amended) The method according to claim 1, further comprising the ~~step of~~:

performing said automatic repeat request processing for a data transmission on an enhanced uplink dedicated channel.

16. (Currently Amended) A terminal device ~~for applying a redundancy strategy to an automatic repeat request function~~, said ~~terminal device~~ comprising:

receiving means for receiving information indicating a selected sequence of redundancy parameters; and

parameter generating means, operably connected to said receiving means, for generating said selected sequence of redundancy parameters for said ~~an~~ automatic repeat request function in response to receipt of said information to apply a redundancy strategy to said automatic repeat request function.

17. (Currently Amended) The terminal device according to claim ~~46~~29, further comprising:

a mobile terminal of a cellular communication network, operably connected to said ~~receiving means~~receiver.

18. (Currently Amended) The terminal device according to claim ~~16~~29, wherein said ~~receiving means~~receiver is configured to receive said information via Radio Resource Control signaling.

19. (Currently Amended) The terminal device according to claim ~~16~~29, wherein said terminal device is configured to notify about redundancy parameters used from said selected at least one sequence by using an outband signaling.

20. (Currently Amended) The terminal device according to claim ~~19~~29, wherein said terminal device is configured to set an amount of said outband signaling in response to said received information.

21. (Currently Amended) The terminal device according to claim ~~16~~29, wherein said parameter generating ~~means~~unit is configured to generate a first parameter defining a self-decodable redundancy version and a second parameter defining bits which are to be punctured.

22. (Currently Amended) The terminal device according to claim ~~16~~29, further comprising:

~~a storing means~~unit, operably connected to said receiving means, ~~for storing~~configured to store a set of sequences of redundancy parameters and wherein said information comprises at least one of a pointer and an index to said stored set of sequences.

23. (Currently Amended) A network device ~~for providing a communication link to a terminal device~~, said network device comprising:

selecting means for selecting a sequence of redundancy parameters;

generating means, operably connected to said selecting means, for generating information indicating said selected sequence; and

transmitting means, operably connected to said selecting means, for transmitting said information to ~~said~~a terminal device to provide a communication link to said terminal device.

24. (Currently Amended) The network device according to claim ~~23~~30, further comprising:

~~receiving means~~a receiver, operably connected to said selecting means, ~~for receiving~~configured to receive a notification about used redundancy parameters via an outband signaling channel.

25. (Currently Amended) The network device according to claim ~~23~~30, wherein said ~~transmitting means~~transmitter is configured to transmit said information in a broadband channel covering a predetermined area.

26. (Currently Amended) The network device according to claim ~~23~~30, further comprising:

a storing meansunit, operably connected to said selecting means, for ~~storing~~configured to store a set of sequences of said redundancy parameters.

27. (Currently Amended) The network device according to claim ~~23~~30, wherein said network device comprises at least one of a base station device and a radio network controller device.

28. (Currently Amended) A system ~~for providing redundancy parameters for an automatic repeat request processing at a terminal device~~, said system comprising:

a terminal device configured ~~for applying to~~ apply a redundancy strategy to an automatic repeat request function, said terminal device comprising;

a receiver configured ~~for receiving to~~ receive information indicating a selected sequence of redundancy parameters, and

a parameter generating unit, operably connected to said receiver, configured ~~for generating to generate~~ said selected sequence of redundancy parameters for said automatic repeat request function in response to the receipt of said information; and

a network device, operably connected to ~~said a~~ terminal device, configured ~~for providing to provide~~ a communication link to ~~a said terminal device to provide~~ redundancy parameters for an automatic repeat request processing at said terminal device, said network device comprising;

a selecting unit configured ~~for selecting to select~~ a sequence of redundancy parameters,

a generator, operably connected to said selecting unit, configured ~~for generating to generate~~ information indicating said selected sequence, and

a transmitter, operably connected to said selecting unit, configured ~~for transmitting to transmit~~ said information to said terminal device.

29. (Currently Amended) A terminal device ~~for applying a redundancy strategy to an automatic repeat request function, said terminal device comprising:~~

a receiver configured ~~for receiving to receive~~ information indicating a selected sequence of redundancy parameters; and

a parameter generating unit, operably connected to said receiver, configured ~~for generating to generate~~ said selected sequence of redundancy parameters for ~~said an~~

automatic repeat request function in response to the receipt of said information to apply a redundancy strategy to said automatic repeat request function.

30. (Currently Amended) A network device ~~capable of providing a communication link to a terminal device, said network device including~~ comprising;

a selecting unit configured ~~for selecting~~ to select a sequence of redundancy parameters;

a generator, operably connected to said selecting unit, configured ~~for generating~~ to generate information indicating said selected sequence; and

a transmitter, operably connected to said selecting unit, configured ~~for transmitting~~ to transmit said information to said ~~a~~ terminal device to provide a communication link to said terminal device.

31-36. (Cancelled)